

Serial No.: 10/616,743
Amdt. Dated 10/31/05
Reply to Final Office Action dated 08/31/05

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended.) A luminaire comprising: a housing; a plurality of reflectors disposed within said housing [, wherein] comprising at least two [of said reflectors are] asymmetrical reflectors that are symmetrically opposed from each other, and each having a generally parabolic shape, and at least one symmetrical reflector that is located centrally between said asymmetrical reflectors; a plurality of lamps, each having a base at each end, and each disposed beneath and within the volume of each reflector; and lamp sockets disposed at the ends of each reflector, and being sized to receive the base of said lamps, said lamp sockets being electrically connected to a power source and having an electrical contact and being electrically connectable to the bases of said lamps.

2. (Cancelled.)

3. (Previously Amended.) The luminaire of claim 1 wherein said plurality of reflectors further comprises a second pair of asymmetrical reflectors that are symmetrically opposed to each other.

4. (Currently Amended.) The luminaire of claim 1 [claim 2] wherein the at least one symmetrical reflector comprises at least two symmetrical reflectors located centrally between said asymmetrical reflectors.

5. (Cancelled.)

6. (Previously Amended.) The luminaire of claim 1 wherein said lamps are fluorescent tubes and the length of said reflectors is substantially longer than the width of said reflectors.

7. (Previously Amended.) The luminaire of claim 1 wherein the portion of each of said reflectors located centrally above said lamp of said reflector has a peak shape.

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8. (Original.) The luminaire of claim 7 wherein said peak shape portion is formed at an exterior angle of not less than 110 degrees.
9. (Previously amended) The luminaire of claim 7 wherein said symmetrical reflector has a generally parabolic shape, and wherein the portion of said asymmetrical, parabolic reflectors located toward the inner side of said peak shape portion is a narrower parabolic shape than the portion of said asymmetrical reflector located toward said outer side of said peak shape portion.
10. (Currently Amended.) The luminaire of claim 1 wherein said generally parabolic shapes of an[the] upper portion of said asymmetrical reflectors are formed using a plurality of adjacent reflector segments.
11. (Currently amended.) The luminaire of claim 23 [claim 10] wherein said upper portion of said symmetrical reflector is comprised of four segments commencing from the end of each segment forming said peak shape portion, said segments formed at respective angles from the end of said peak shape portion element and each subsequent segment at interior angles of 145, 154, 164 and 167 degrees.
12. (Currently Amended.) The luminaire of claim 10 [claim 11] wherein each of said upper portions of each of said asymmetrical reflectors is comprised of seven segments commencing from the end of each segment forming said peak shape portion, said segments formed at respective angles from the end of said peak shape portion element and each subsequent segment at interior angles of 145, 163, 174, 176, 176, 177 and 176 degrees.
13. (Original.) The luminaire of claim 1 wherein said reflectors are joined together with a brace behind said reflectors.
14. (Previously Amended.) The luminaire of claim 1 wherein louvers are attached beneath said reflectors and said lamps to provide additional direction for the light emitted from the lamps.
15. (Currently amended) The luminaire of claim 1 [claim 2] wherein said lamps disposed

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within said symmetrical reflectors are disposed equidistant among the width of said symmetrical reflector and said lamps disposed within said asymmetrical reflectors are disposed closer to the inner side of said asymmetrical reflectors.

16. (Original.) The luminaire of claim 10 wherein the center of said lamps for all of said reflectors are disposed in line with the bottom edge of said upper portion of said reflectors.

17. (Currently amended) A luminaire for providing wide angle light distribution, comprising: a housing; a plurality of reflectors disposed within said housing, comprising: at least two asymmetrical reflectors that are symmetrically opposed from each other, configured to provide wide angle illumination, and a symmetrical reflector located between the two asymmetrical parabolic reflectors, and having a generally parabolic shape, and wherein the portion of each asymmetrical reflector located centrally above the lamp has a peak shape, the portion of the asymmetrical reflector located toward the inner side of the peak shape portion is a narrower parabolic shape than the portion of the asymmetrical reflector located toward the outer side of the peak shape portion; a plurality of lamps, each having a base at each end, and each disposed beneath and within the volume of each reflector; and lamp sockets disposed at the ends of each reflector, and being sized to receive the base of said lamps, said lamp sockets being electrically connected to a power source and having an electrical contact and being electrically connectable to the bases of said lamps; wherein the areas in the luminaire below the reflectors are substantially open.

18. (Previously added.) The luminaire according to claim 17 wherein the each asymmetrical reflector has a parabolic shape.

19. (Cancelled.)

20. (Previously added.) The luminaire according to claim 17 wherein the plurality of reflectors further comprises a second pair of asymmetrical, parabolic-shaped reflectors that are symmetrically opposed to each other.

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21. (Previously added.) The luminaire according to claim 17 wherein the at least one symmetrical reflector comprises at least two symmetrical reflectors located centrally between said asymmetrical reflectors.

22. (Currently amended.) The luminaire according to claim 17 wherein said peak shape portion is formed at an exterior angle of not less than 110 degrees, wherein an [the] upper portion of the symmetrical reflector is comprised of four segments commencing from the end of each segment forming the peak shape portion, the segments formed at respective angles from the end of the end of the peak shape portion element and each subsequent segment at interior angles of 145, 154, 164 and 167 degrees, and wherein an [each of said] upper portion[s] of each of the asymmetrical reflectors is comprised of seven segments commencing from the end of each segment forming the peak shape portion, the segments formed at respective angles from the end of the peak shape portion, the segments formed at respective angles from the end of the peak shape portion element and each subsequent segment at interior angles of 145, 163, 174, 176, 176, 177 and 176 degrees.

23. (New) The luminaire according to claim 9 wherein said parabolic shape of said symmetrical reflector has an upper portion formed using a plurality of adjacent reflector elements.